

REMARKS

Claims 1-31, 33 and 34 are pending in this application. Claims 6-14, 18, 19, 24 and 26-31 are withdrawn from consideration. In the above referenced office action, the Examiner rejected claims 1-5, 15-17, 20-23, 25, 33 and 34. The Examiner objected to claim 33. Applicant addresses each of the Examiner's stated rejections and objections below.

CLAIM REJECTIONS – 35 USC 112.

Applicant has corrected claim 33 to remove the antecedent basis error with this claim.

CLAIM REJECTIONS – 35 USC 102.

The Examiner rejected claims 1-5, 15-17, 20-23, 25, 33 and 34 as anticipated by Powell. Powell recites an apparatus for avalanche control that includes a shaped charge explosive device comprising an explosive charge body including an explosive charge defining a cavity particulate material dispersible by the explosive charge when detonated. To Applicant's reading, Powell only teaches an explosive device that disperses a particulate material. As discussed below, Applicant respectfully submits that Powell does not teach a jet as claimed by the present invention.

With respect to claims 1 and 20, Powell does not teach a liner forming a leading portion and a particulated portion. Rather, Powell only teaches a device that disperses a particulate material. Accordingly, Applicant believes that claims 1 and 20 are allowable over Powell.

With respect to claims 2-5, and 15-17, these claims depend from claim 1, which is believed to be in condition for allowance, and are believed to be allowable on at least such grounds. With respect to claims 21-23, 25, 33 and 34, these claims depend from claim 20, which is believed to be in condition for allowance, and are believed to be allowable on at least such grounds.

NEW CLAIMS

New claims 35- 42 have been added and are believed to be allowable on the following grounds:

With respect to claims 35 and 39, Powell does not show or suggest a filler material has a density that approximates the density of an oil bearing formation.

With respect to claims 36 and 40, Powell does not show or suggest a forward portion of a jet that penetrates one of (i) a perforating gun scallop, (ii) a perforating gun cover, (iii) a wellbore casing, and (iv) cement sheath.

With respect to claims 37 and 41, Powell does not show or suggest a particulated portion of

a jet that perforates a subterranean formation.


With respect to claims 38 and 42, Powell does not show or suggest a particulated portion of a jet that increases in temperature and reduces interstitial fluid viscosity upon penetration into the subterranean formation.

CONCLUSION

Applicant believes that this Paper is responsive to the Examiner's objections and rejections. Applicant believes that the pending application is in condition for allowance and such action is hereby requested. The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. **13-0010 (COR-1075US)**.

Respectfully submitted,

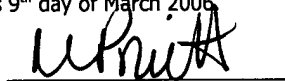
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Chandran D. Kumar
Registration No. 48,679
Madan, Mossman, Sriram, P.C.
2603 Augusta, Suite 700
Houston, Texas 77057
Telephone: 713.266.1130
Facsimile: 713.266.8510

CERTIFICATE OF MAILING

I hereby certify that this correspondence and any documents referred to as enclosed or attached is being deposited with the United States Postal Service on as First Class Mail, postage prepaid, in an envelope addressed to: Attention: Mail Stop: Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313 on this 9th day of March 2006.


Margaret A. Pruitt